

Cylinder-oil flowmeter for marine diesel engines,
by M. Uehara, et al.
RUSSIAN, per, Kansai zosen kyokai-shi, 1966, No 111,
pp 60
NLL 9022.065 (2339)

M. Uehara
Sci - Int Comb and Other Spec Eng
Apr 67

305,827

11 M. Uehara

A Kite Made of the Leaf of Artocarpus in Tobu,
by Tokuza Uahara

JAPANESE, per, Science of the South Seas, X
Vol IV, No 2, 1941, pp 63-64.

Dept of Interior
209(900) qUn33pr no. 370

Sci-Misc
Jan 64

246,276

A Survey of Tuna Grounds in Equatorial Waters, by
Tokuzo Uehara, 6 pp.

Full translation.

JAPANESE, per, Nanyo Suisan Joho, Vol V, No 3, 1941,
pp 13-17.

Scientific - Biological

S.L.A.

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SK361 A2T9 7014
Aug 55

27,459

A. Uehlinger

The Behavior of the Blood Volume During Short-Term Bodily Work. Determination With Cr⁵¹-and¹³¹-Albumin.

GERMAN, per, Cardiologia, Vol 38, 1961, pp 357-370
NTC 72-13386-06P

Oct 72

Investigation on Forecasting Rules and
Techniques (First Report), by K. Ueki, 38 pp.

JAPANESE, per, Journal of Meteorological Research,
Vol XI, 1959, pp 28-43. 9687261

DDC RSIC-58

Sci - Earth Sci & Astron
Oct 63

345, 412
248

Cylinder-oil flowmeter for marine diesel
engines, by M. Uehara, et al.

JAPANESE, per, Kansai zosen kyokai-shi,

1963, No 111, pp 60

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Sci - Int Combust and other Spec Eng
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Tuberculosis in Twins. Study of 46 Pairs, by E.
Uehlinger, M. Kuensch, 5 pp.

GERMAN, per, Beitr Klin Tuberk, Vol XCII, 1938-1939,
pp 275-370.

SLA Tr 2556

Sci - Medicine
Jan 58

57,417

Vaporization of Manganese From Iron Alloys
Containing Manganese, by W. Baukloh, H. Uehlinger.

GERMAN, per, Metallwirtschaft, Vol XVII, 1938.

Brutcher
~~EXHIBIT~~ Tr No 617

Scientific - Min/Metals

\$1.70

14,146

61-16573

Uematsu, Ichitaro and Uematsu, Yoshiko.
EFFECT OF CRYSTALLINITY ON GLASS TRANSITION TEMPERATURE AND VOLUME EXPANSION COEFFICIENT. Rept. no. 1. on The Effect of Crystallinity on the Physical Properties of High Polymers. [1961] [20]p. 18 refs.
Order from SLA \$1.60

61-16573

Trans. of Kōbunshi Kagaku (Japan) 1960, v. 17, no. 180, p. 222-226.

DESCRIPTORS: *Glass, *Crystal structure, *Transition temperature, Polymers, Heat treatment.

The crystallinity of polyethyleneterephthalate was successively changed by the thermal treatment of the amorphous film at 120, 150, 210 and 238°C. The effect of crystallinity on the glass transition temperature, T_g , and on the volume expansion coefficient, α , of the sample were determined from volume measurements (Materials--Ceramics, TT, v. 6, no. 8) (over)

I. Uematsu, I.
II. Uematsu, Y.
III. Title: Effect...

Office of Technical Services

61-16574

Uematsu, Yoshiko and Matsudaira, Tadashi.
EFFECT OF CRYSTALLINITY ON VISCOELASTIC
PROPERTIES. Rept. no. 2 on The Effect of Crystal-
linity on the Physical Properties of High Polymers.
[1961] [25]p. (foreign text included) 18 refs.
Order from SLA \$2.60

61-16574

Trans. of Kōbunshi Kagaku (Japan) 1960, v. 17, no. 181,
p. 305-311.

Another translation is available from ATS \$16.80 as
ATS-94M44J [1960] 10p.

DESCRIPTORS: *Polymers, Crystal structure,
Viscosity, Elasticity.

The effect of crystallinity on the mechanical behavior
was studied by the vibrating reed method. Samples of
polyethyleneterephthalate were crystallized at 120°C
and 225°C. Q-I goes through a maximum at about
100°C. The temperature shift of this maximum is rapid
(Materials--Plastics, TT, v. 6, no. 8) (over)

I. Uematsu, Y.
II. Matsudaira, T.
III. Title: Effect...

ATS-IJ-2689

Office of Technical Services

Uematsu, Yoshiko.
DYNAMIC ELASTIC MODULUS OF POLYETHYLENE.
Rept. no. 3 on The Effect of Crystallinity on the
Physical Properties of High Polymers. [1961] [18]p.
7 refs.
Order from SLA \$1.60

61-16570

Trans. of Kobunshi Kagaku (Japan) 1960, v. 17,
no. 181, p. 311-315.
Another translation is available from ATS \$12.00 as
ATS-95M44j [1960] 7p.

DESCRIPTORS: *Polymers, *Ethylenes, Elasticity,
Crystal structure, Physical properties.

Four samples of polyethylene which differed widely in
crystallinity were studied. The crystallinity and dy-
namic modulus were measured from 25°C to the melt-
ing point. The dynamic modulus drops rapidly as the
melting point is approached and the more crystalline
(Materials--Plastics, TT, v. 6, no. 8) (over)

61-16570

I. Uematsu, Y.
II. Title: Effect...

ATS-JJ-2690

Office of Technical Services

Particle Motion and Velocity Distribution of the
Conveying air in a pneumatic transport line, by T.
Uematu.

JAPANESE, per, Japan Soc Mech Eng, Bull., Vol 4, No Aug,
1961, pp 525-530.
GM0/4255

T. Uematu

Sci -
Sep 67

340,045

The Pathway of Butter Yellow Introduced by Various Methods Into Rabbits, by Kazuo Kawai, Fujio Uemura, Ichiro Taki, Yoshio Sayama, 4 pp.

Full translation.

JAPANESE, per, Gann, (The Japanese Journal of Cancer Research), Vol XLII, No 2-3-4, Dec 1951, pp 94-95.

CIA/FDD/X-827

Scientific - Medicine

May 53 CTS

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Uemura, K., and Ida, F.
COPOLYMERIZATION OF VINYL PHENYL ETHER
WITH ACRYLONITRILE. [1960] 6p.
Order from ATS \$9.15

ATS-00N48J

Trans. of Kagaku to Kogyo, Osaka (Japan) 1956, v. 30,
no. 3, p. 73-76.

61-12755

1. Vinyl cyanide--
Polymerization
2. Vinyl compounds--
Polymerization
3. Copolymerization
- I. Uemura, K.
- II. Ida, F.
- III. ATS-00N48J
- IV. Associated Technical
Services, Inc., East
Orange, N. J.

Office of Technical Services

(Chemistry--Organic, TT, v. 5, no. 8)

(FDD 21754)

The Buckling of Spherical Shells by External Pressure.
Report No 2 (Especially Concerned With the Lower
Buckling Load and the Energy Barrier), by Masuji
Yoshimura, Yoshimaru Yoshimura, 11 pp.

Full translation,

JAPANESE, no per, Tokyo Daigaku Rikogaku Kenkyujo
Gakoku, Vol VI, No 6, Tokyo, Dec 1952, pp 367-371.

2 - Japan

CIA/FDD/U-6200

01 - Physics, buckling of shells

UKAEA-Risley-TR-367

(WAK)

16,003

TT-65-17067 Field 11F, 20C

Uemura, S.; Yokoyama, T.; Tsuchiya, J.
MAGNETIC METAL POWDER PREPARING PROCESSES.
9p (figs omitted).
Order from SLA: \$1.10 as TT-65-17067

Trans. of Patent (Japan) pub. 40-8027.
Patent appl. Showa 37-40, 486, by Sony Corp., Tokyo,
Japan, filed 18 Sep 62, pub. 23 Apr 65.

MR 700

— TT-65-17068 Field 11F, 20C

Uemura, S.; Yokoyama, T.; Tsuchiya, J.
MAGNETIC METAL POWDER PREPARING PROCESSES.
9p (figs omitted).
Order from SLA: \$1.10 as TT-65-17068

Trans. of Patent (Japan) pub. 40-8026.
Patent appl. Showa 37-40,485, by Sony Corp., Tokyo,
Japan, filed 18 Sep 62, pub. 23 Apr 65.

MR 700

Basic Conditions for Optical Tracking of Rockets,
by Tsuneyoshi Uemura, Hiro Nakamura, 13 pp.

JAPANESE, no per, Journal of the Institute of
Industrial Science, Vol VIII, No 10, 1956, Encl to
IR 1940-57, 6004th AISS.

AF 1097509

Sci - Aeronautics
Jun 57

48,229

Elimination of Copper From Molten Pig Iron, by Ueno,
et al. UNCLASSIFIED

JAPANESE, per, Tetsu to Hagane, Vol XLIII, 1957,
pp 265-266.

Henry Bratcher
Tr 4101
(1.80)

Sci - Min/Met
Apr 58

62,606

(365) Studies on the Manufacture of Alumina by
the Soda-Lime Method (Report 5). ~~Experiments~~
Employing High Concentrations of Soda, by I.
Ueno, 7 pp.

JAPANESE, per, J. Soc Chem Ind, Japan, Vol XLVI,
1943, pp 1165-1167.

Assoc Tech Sv 95H10J-b

Sci
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70,842

UENO, I.

ATS-95H10J-b. (365) Studies on the manufacture of
alumina by the soda-lime method (Report 5).
Experiments employing high concentrations of soda.
J. Soc. Chem. Ind., Japan, 46, p.1165-1167, 1943.
(7p.)

(NY-4718)

The Effect of Radiation on the Vitamin B₁
Metabolism. Communication 3. An Analysis of the
Effect of Radiation on the Vitamin B₁ Metabolism
by Means of Procaine Block and a Test With
Vitamin B₁ Tolerance, by Iori Ueno, 15 pp.

RUSSIAN, per, Medit Radiolog, Vol V, No 7, 1960.

JPRS 5761

Sci - Med

131,593

Nov 60

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Studies on Aliphatic Higher Alcohols. Part 1. Separation of Octyl and Decyl Alcohols. Part 2. Isolation of Pure Lauryl Alcohol from Industrial Grade Lauryl Alcohol, by S. Ueno, S. Komori.
JAPANESE, per, Kogyo Kagaku Zasshi, Vol 49, No 10-11, 1946, pp 161-62.
ATS-JS-258

S. Ueno

Sci-Chem
Mar 70

403,921

Ueno, Itaru.

MANUFACTURE OF ANHYDROUS MAGNESIUM
CHLORIDE FROM MAGNESIUM OXIDE AND
AMMONIUM CHLORIDE AS RAW MATERIALS,
PTS. III-V. [1963] 19p.
Order from SLA \$1.10

63-14707

Trans. of Kogyo Kagaku Zasshi (Japan) 1945, v. 48,
p. 65-67.

DESCRIPTORS: *Magnesium compounds, *Chlorides,
*Oxides, *Ammonium compounds, Iron compounds,
Silicon compounds, Aluminum compounds, Calcium
compounds, Carbonates, Magnesite, Pyrolysis.

Contents:

Relationship of generation of ammonia gas and the mix-
ing ratio of raw materials to the purity and yield of
magnesium chloride

Reaction between ammonium chloride and ferric oxide,
silica, alumina, lime, calcium carbonate or mag-
nesium carbonate, and the reaction mechanism of this
(Chemistry--Inorganic, TT, v. 10, no. 5) (over)

63-14707

I. Ueno, I.

1242724

Office of Technical Services

Ueno, Itaru. MANUFACTURE OF ANHYDROUS MAGNESIUM CHLORIDE FROM MAGNESIUM OXIDE AND AMMO- NIUM CHLORIDE AS RAW MATERIALS. I. EXPERI- MENT ON CALCINATION BELOW 300°. II. EFFECT OF EXCLUDING AIR DURING CALCINATION. [1963] 15p. 9 refs. Order from SLA \$1.60 Trans. of [Kogyo Kagaku Zasshi] (Japan) 1944, v. 47, p. 849-853. DESCRIPTORS: *Magnesium compounds, *Chlorides, Oxides, *Ammonium compounds, *Low temperature research, Air. (Chemistry--Physical, TT, v. 10, no. 2)	63-14154 I. Ueno, I. II. Title: Experiment... III. Title: Effect... 63-14154 63-14154 Office of Technical Services
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Chloranilic Acid and Its Metal Salts as
Analytical Reagents, by W. C. Broad, K.
Ueno, A. J. Barnard, 10 pp.

JAPANESE, per, Bunseki Kagaku, Vol IX,
1960, pp 257-264.

J. T. Baker Chemical
Co, Phillipsburg, N.J.

Sci
Vol IV, No 7
Apr 62

192,615

1
Manufacture of High-Molecular Polymers Having
a Good Spinning Properties, by Y. Inaba,
K. Ueno, 3 p.

JAPANESE, patent, [31-] 295, filed 18 July 52,
pub. 20 Jan 56.

ATS-79L30J

Sci
Jan 60
Vol 2, No 8

105 462

Effect of Hemicellulose on Paper Strength, by
K. Ueno, 13 pp.

JAPANESE, per, J Japan Assoc Pulp Paper Ind,
Vol XI, No 73, 1957, pp 239-244.

ATS-2J18J

ATS/JJ-2493

Sci

Jul 59

92,668

Elimination of Copper From Molten Pig Iron, by
K. Ueno, et al.

JAPANESE, per, Tetsu to Hagane, Vol XLIII, No 3,
1957, pp 265-6.

Brutcher Tr 4101
\$1.80

Sci - Min/Met

Apr 58

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Studies on Ball Bearing Steels (II). (Effect of
Some Metallurgical Factors on the Life of Ball
Bearing Steels), by Manabu Ueno, Tetsutaro Mitsuhashi,
Yutaka Nakano.

JAPANESE, per, Journal of the Iron and Steel
Institute of Japan, Oct 1955, pp 1102-1107.

Tr
Navy Tr No 1442/Buships/612

Scientific - Min/Metals
Oct 1956 CTS/dex

39,802

SLA 58-1163

Ueno, Minoru and Ikeda, Hayao.
METHOD FOR POLYMERIZATION OF OLEFINS.
July 63, 10p.
Order from SA \$19.00 SA Code-P-198

Trans. in manuscript of published Japanese patent
6642/1962, cl. 26-B-11 (13-F-15) appl. no. 18909/1959
filed 16 June 59, pub. 30 June 62, by Mitsui Petroleum
Chemical Co., Ltd.

DESCRIPTORS: *Polyethylene plastics, *Ethylenes,
*Propenes, Polymerization, Copolymerization,
Additives, Fatty acid esters, Metalorganic compounds,
*Ziegler catalysts, *Aluminum compounds, Alkyl
radicals, Alkoxy radicals, Group IV elements, Group V
elements, Group VI elements, *Titanium compounds,
*Chlorides, *Oxychlorides.

(Materials--Plastics, TT, v. 10, no. 9)

63-22296

- I. Ueno, M.
- II. Ikeda, H.
- III. Patent (Japan) pub.
37-6642
- IV. SA Code-P-198
- V. Seizaburo Aoki (Japan)

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Facilities and Equipment of Sakhalin Fishery
Administration, and the Nakhodka Fishing Port, by
UKHO Takao, 3 pp.

JAPANESE, per, Suisenkai, Jul/Aug 1958.
CIA 6514111

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APO 99

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Econ
Jan 60

106,319

(NY-4239)

The Effect of Radiation on the Vitamin B₁
Metabolism Communication 2. Changes in the
Vitamin B Content in the Liver and Brain, by
Yori Ueno, 12 pp.

RUSSIAN, per, Meditsinskaya Radiologiya, Vol V,
No 4, 1960.

JPRS 5016

Sci

121,873

Aug 60

(NY-3982)

The Effect of Radiation on the Vitamin B₁ Metabolism.
Communication 1. Change in the Vitamin B₁ Content in
the Blood and Its Excretion in the Urine, by Yori
Ueno, 12 pp.

RUSSIAN, per, Medit Radiolog, Vol V, No 3, 1960.

JPRS 5124

Sci - Med

Oct 60

128,394

The Effect of Radiation on the Vitamin B₁ Content
in the Blood and Its Excretion in the Urine, by
Yori Ueno, 12 pp.

RUSSIAN, per, Medit Radiolog, Vol V, No 3, 1960.

JPRS 5124

Sci

Oct 60

130,475

Preparation of Trans-3-Alkoxy-2-Alkoxy-
Methylene-Propanenitrile, by Masao Tomita,
Shojiro Ueo, 6 pp.

JAPANESE, Patent 5219, Permit 28-13701, Appl.
29 Oct 1951, Pub. 21 Aug 1954, Part of 26-14354,
1954.

SLA 60-10928

Sci

OTS, Vol III, No 6

Sep 60

126,883

Preparation of Trans-3-Alkoxy-2-Alkoxy-
Methylene-Propanenitrile, by Masao Tomita,
Shojiro Uec, 3 pp.

JAPANESE, Patent 5376, Permit 28-13702, Appl.
29 Oct 1951, Pub. 26 Aug 1954, Part of 26-14354,
1954.

SLA 60-10927

Sci

OIS, Vol III, No 6

Sep 60

126,882

Immunity in Yoshida Sarcoma, by Motohiko Tebioka,
Kazuo Ueoka, 5 pp.

Full translation.

JAPANESE, per, ~~ENEN~~ Gann (The Japanese Journal of
Cancer Research), Vol XLII, No 2-3-4, I Dec 1950,
pp 170-171.

CIA/FDD/X-921

Scientific - Medicine Jul 53 CTB/DEX

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TOBIOKA, Motohiko
UEOKA, Kazuo

Growth Inhibiting Experiments on Yoshida Sarcoma.
(2-Pages)

Japanese, Gann, XL, Nos. 2,3,4.
1949, pp. 149-150

X-548

Translated at the
National Institutes of Health
Bethesda, Md.

A12060

TOBIOKA, Motohiko
UEOKA, Kazuo

Experimental Injection of Filtrates Prepared from
Yoshida Sarcoma Cells Destroyed by Supersonic Waves
(1-Page)

Japanese, Gann, XL, nos. 2,3,4.
1949, 139

X-556

A-12061

Translated at the
National Institutes of Health
Bethesda, Md.

TOBIOKA, Motohiko
UEOKA, Kazuo

Observations on cell changes in ascites in growth-
inhibiting experiments on Yoshida Sarcoma. (1-Page)

Japanese, Gann, XL, Nos. 2,3,4.
1949, p. 150

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Translated at the
National Institutes of Health
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A12062

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KIRNOS, D. P
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ST-495

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Reports of Explosive Outbreaks of Epidemic Diarrhea
in the Rural Districts of Hokkaido in 1951. II.
Etiology: Bacteriological Examinations and Trans-
mission of Infection to Human Volunteers, by H. Uetake.
JAPANESE, per, Sapporo Igaku Z, Vol 4, No 3, 1953,
pp 171-177.
HEW NII
10-17-69

H. UETAKE

Sci/B&M
Jan 70

400, 123

Wear Tests on Rubber, by K. Wellinger, H.
Uetz.
GERMAN, per, VDI-Z, Vol 96, No 2, 1954,
pp 43-47.
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H. UETZ

Sci -
Jul 67

333,720

The Analytical Application of 8-Mercaptoquinoline
(Thiooxine) and Its Derivatives.

Communication 17.8,8'-Diquinolylidisulfide-
A New Selective Reagent for the Photometric
Determination of Small Amounts of Copper, by
Yu. A. Bankovskiy, A. F. Uevin'sh, E. A.
Luksha, 8 pp.

RUSSIAN, per, Zhur Anal Khim, Vol XVI, No 2,
1961, pp 150-157.

CB

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Sci

Apr 62

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Larvae of the Black Marlin, by Shoji Ueyanagi,
Hiroshi Yabe.

JAPANESE, ~~XX~~ Report of Nankai Regional Fisheries
Research Laboratory, 1959, No 10, pp 151-169.

Dept of Interior
SB211 E 82 No 336

Sci - Biol

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Jan 62

Larvae of the Striped Marlin, Makaira
Mitsukuriy, by Shoji Ueyanagi.

JAPANESE, ~~RE~~ Report of Nankai Regional Fisheries
Research Laboratory, No 11, Dec 1959, pp 130-146.

Dept of Interior
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Sci - Biol

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Development of the Mosenergo High-Voltage
Overhead Electric Power Network, by M. Ya.
Ufayev, A. P. Remov, Ya. M. Ostrovskiy and
G. S. Safrazbekyan, 78 pp.
RUSSIAN, bk, Mosenergo za 40 let, 1958, pp.
205-252.
JPRS 40158

USSR
Sci-Electronics
Mar 67

M.YA. UFAYEV

319,538

Organization of Repairs at Electric Power
Stations of Mosenergo, by M. Ya. Ufayev,
(transpor, commun and elec power in the
USSR -- 18).

RUSSIAN, per, Elektricheskiye Stantsii,
No 3, Moscow, 1959, pp 12-16.

USSR

Econ - trans, comm, electric power

Jul 59

92, 171

(FDD 20877)

Moscow's Electric Power Supply in the Fourth
Five-Year Plan, by M. Ya. Ufayev, 8 pp.

Full translation.

RUSSIAN, no par, Gor Khoz Moskvyy, No 4, Moscow,
Apr 1947.

CIA/FDD/U-5790

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Econ - Electric power

12,401

CTS/DEX

The Outward Manifestations of Soviet Propaganda
in the Islamic-Arab World, by Arif Sultan (B.
Usali), 15 pp.

TURKISH, per, "Dergi" Sovyetler Birliğini Ogrenme
Enstitüsü, No 7, 1956, pp 85-95.

ACSI, H-2682

EE/A - Arab World

Pol

Feb 59

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Theorem of the Mean Value of Damping in a Filter
Stop Band, by A. F. Ufel'man.

RUSSIAN, per, Elektrosvyaz, No 12, 1958, pp 49-57.

Pergamon Press

Sci

Mar 60

111,392

(NY-4341)

Toward a Generalized Theory of Chebyshev
Reactance Filters, by A. F. Ufel'man, 35 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, MVO SSSR,
Ser Radiotekh, Vol II, No 6, 1959.

JPRS 5418
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Jan 61

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Synthesis of Electrical Filters From Their Operating
Parameters by Zolotarev Fractions, by A. P.
Ufel'man, 13 PP.

RUSSIAN, per, Radiotekhn, Vol XV, No 5, 1960,
pp 64-72.

PP

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Feb 61

139,514

Application of the Potential Analogy to the
Design of Electric Wave Filters, by A. F.
Ufel'man

RUSSIAN, per, Electrosviaz, 1958, No 4, pp 49-58.

Pergamon Press

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Feb 60

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UETB. W.
DORING, A.

Stahl Und Eisen, vol. 58, 4 figures, 5 tables,
3900 words; 1938.

Behavior of Different Kinds of Sulphuric Acid
in the Pickling of Strip Steel.

Brutcher Trans, Order No. 1042, \$ 3.90.

A 1807

Demecolceinamides (Demecolceinamide), by A. Uffer,
2 pp.

Full translation.

GERMAN, per, Experientia, Vol X, Feb 1954, pp 76-77.

S.L.A.

Scientific - Chemistry

27,452

Aug 55

Ufford, J. J. Quarles van and Vlugter, J. C.
SULFUR AND ASPHALT, I. [1962] 9p. 10 refs.
Order from SLA \$1.10 63-10131

Trans. of Brennstoff-Chemie (West Germany) 1962,
v. 43, no. 6, p. 173-176.

DESCRIPTORS: *Sulfur, *Sulfur compounds, *Asphalt,
Mixtures, Chemical reactions, Mechanical properties.

In a mixture with asphalt, sulfur behaves primarily as a plasticizer. The mixture has a higher penetration index and a lower Fraass breaking point than the original asphalt. The plastic properties of sulfur are quickly lost because a change from plastic to crystalline sulfur takes place. If polymethylene tetrasulfide is used instead of elemental sulfur, it appears that the effect of this polymer on asphalt is very similar to that of sulfur. This mixture also has a higher penetration index and a lower Fraass point. However, the plastic nature of the polymer in the mixture is not so easily lost. A dis-
(Engineering-Chemical, TT, no. 9, no. 10) (over)

63-10131

I. Ufford, J. J. Q. van
H. Vlugter, J. C.

Office of Technical Services

Ufford, J. J. Quarles van and Vlugter, J. C. SULFUR AND BITUMEN I. [1962] 18p. (foreign text included) 10 refs. Order from SLA \$1.60 Trans. of Brennstoff-Chemie (West Germany) 1962, v. 43, no. 6, p. 31-34. DESCRIPTORS: *Bitumens, *Sulfur, Sulfur compounds, Mixtures, Mechanical properties, Chemical reactions (Engineering--Chemical, TT, v. 9, no. 9)	63-10011 I. Ufford, J. J. Q. van II. Vlugter, J. C. 4266889 Office of Technical Services
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A Method of Optimization of the
Transient Response of a Servo-
System with a Third Order Oscillatory
Drive, by I. H. Ufimtsev, 9 pp.
UKRAINIAN, per, Avtomatika, No 6,
1963, pp 1-9. 9697183
FTD-TT-64-791

Sci-Elec
Jun 65

282,495

Secondary Diffraction of Electromagnetic Waves by
a Disk, by P. Ya. Ufimtsev, 8 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXVIII, No 3,
1958, pp 583-591.

Amer Inst of Phys
Sov Phys - Tech Phys
Vol III, No 3

Sci - Phys
Dec 58

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Approximate Computation of the Diffraction of Plane
Electromagnetic Waves at Certain Metal Bodies. I.
Diffraction Patterns at a Wedge and a Ribbon, by P.
Ya. Ufimtsev, 11 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXVII, No 8,
pp 1840-1849.

Amer Inst of Phys
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Secondary Diffraction of Electromagnetic Waves by
a Strip, by P. Ya. Ufimtsev, 14 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXVIII, No 3,
1958, pp 569-582.

Amer Inst of Phys
Sov Phys - Tech Phys
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Dec 58

69,229

DIFFRACTION OF PLANE ELECTROMAGNETIC WAVES
BY A THIN CYLINDRICAL CONDUCTOR, BY
P YA. UFIMTSEV, 9 PP.

RUSSIAN, PER, RADIOTEKH I ELEKTRON, NO 2, 1962

AIEE

SCI

FEB 63

223,744

Reflection of Circularly Polarized Electro-
magnetic Waves From Metallic Bodies, by
E. N. Maisels, P. Ya. Ufimtsev, 7 pp.

RUSSIAN, par, Radiotekh i Elektron, Vol. V,
No 12, 1960, pp 1927-1928.

CR
RR PP

Sci
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